



Australian Government

**Assessment Requirements for
CPPBDN4004 Set up BIM-capable software
and files for building design drafting
projects**

Release: 1

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Modification History

Release 1. New unit.

This version first released with CPP Property Services Training Package Version 1.

Performance Evidence

A person demonstrating competency in this unit must satisfy all of the elements, performance criteria and foundation skills of this unit, and must be able to provide evidence of the ability to set up project template files for the following three different types of building design projects, as defined by the Building Code of Australia (BCA). At least one of the building design projects must include a Class 10 component:

- one Class 1 building
- one Class 2 building
- one building selected from Classes 3 to 9.

Within the context described above, a person must provide evidence of:

- installing and configuring building information modelling (BIM)-capable building design drawing software
- accessing and interpreting software operation information when setting up digital building design drawing files
- planning project file creation, including confirming project details and preparing a checklist of templates and required elements
- applying software functions and options to create project templates for the range of drawings required for the three building design projects, including:
 - using in-built proformas
 - creating original templates
- using workplace protocols and systems to name, save and back up building design templates and files.

Knowledge Evidence

A person demonstrating competency in this unit must be able to demonstrate knowledge of:

- construction and technical terminology required to discuss digital building design drafting project templates and files with work colleagues, designer and external personnel
- functions and options of building design drawing software relevant to creating project templates and files
- strategies for developing knowledge of building design drawing software
- systems for naming, saving and backing up digital drawing files

- types of digital drawing templates and files required for building design projects.

Assessment Conditions

Assessment must be conducted in the workplace or a close simulation of the workplace.

Suitable assessment of performance requires:

- equipment:
 - computer with internet access and BIM-capable building design drawing software
- relationships with team members and supervisor:
 - tasks must be completed individually but may rely on information sourced from team members and supervisor as relevant to the task
- specifications:
 - architect's or building designer's notes, sketches and instructions for digital building design project template and file requirements for three building design projects as specified in the performance evidence
 - building design drawing software specifications and manuals.

Assessor requirements

As a minimum, assessors must satisfy SNR/AQTF assessor requirements.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=6f3f9672-30e8-4835-b348-205dfcf13d9b>